

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application.

1 -14 Canceled.

15. (New) A method for determining residual crystallinity of a substance, the method comprising:

providing a first PDF trace of a sample of a substantially amorphous or disordered solid form the substance;

providing a second PDF trace of a sample of the crystalline form of the substance; and

comparing the first and second PDF traces to determine whether the substance which is substantially amorphous or disordered contains residual crystallinity.

16. (New) The method of claim 1, wherein the substance is a pharmaceutical.